

## **ABSTRACT OF THE DISCLOSURE**

A method and apparatus for detecting faulty nozzles is applied to a multi-function peripheral (MFP). The method is to print a predefined test pattern by an inkjet component of a printing unit. A scanning unit connecting with the printing unit scans the predefined  
5 test pattern to generate an image data of the predefined test pattern. Afterwards, an analyzing unit analyzes the image data of the predefined test pattern to see if any one of the nozzles is clogged. Finally, the analyzing unit reports the result to the printing unit. The printing unit will avoid using the clogged nozzles during the printing process to improve the quality of printing.